10568454

Application No. N/A
Amendment dated
First Preliminary Amendment

Docket No.: M1071.1952

AMENDMENTS TO THE SPECIFICATION

Paragraph at page 12, lines 9-17:

The latter high dielectric constant material exhibits high Q value particularly at high frequencies, and facilitates control of the temperature coefficient (TCC) of the dielectric constant resonance frequency temperature coefficient (En). Accordingly, combined use of the highly dielectric ceramic layers made of the high dielectric constant material and the insulating ceramic layers made of the insulating ceramic composition of the present invention can advantageously achieve electronic components functioning as resonators and filters in a high frequency band.

Paragraph at page 27, line to page 22, line 4

A SrO/TiO₂ ratio of more than 1.05 may allow unreacted SrO to remain in a form of carbonate and, consequently, reduce the Q factor, or the SrO may react with a constituent of the glass to reduce the moisture resistance. Sr₂TiO₄ or other crystal phases may be separated out. If Sr₂TiO₄ or the like is separated out, the SrTiO₃ content may be increased so as to adjust the temperature coefficient (TCC) of the dielectric constant resonance frequency temperature coefficient (Eri) in the entire system, because Sr₂TiO₄ or the like has a lower TCC Eri absolute value than SrTiO₃. Consequently, the Q value may be reduced.